

SEQUENCE LISTING

<110> Liu, Chih-Ping
Villarete, Lorelie H.

<120> Method of Treatment Using Interferon-TAU

<130> 55600-8014.US01

<140> not yet assigned
<141> filed herewith

<150> US 60/552,279

<151> 2004-03-10

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 516

<212> DNA

<213> Ovis aries

<400> 1

tgctacacctgt cgcgaaaact gatgctggac gctcgagaaaa atttaaaact gctggaccgt 60
atgaatcgat tgtctccgca cagctgcctg caagaccgga aagacttcgg tctgcccgcag 120
gaaatggttg aagggtgacca actgcaaaaa gaccaagctt tcccggtact gtatgaaatg 180
ctgcagcagt ctttcaaccc gttctacact gaacattctt cggccgcctt ggacactact 240
ctttctagaac aactgtgcac tggctctgcaa cagcaactgg accatcttgg cacttgcgt 300
ggccaggtta tgggtgaaga agactctgaa ctgggttaaca tggatccgt cgttactgtt 360
aaaaaatatt tccaggttat ctacgactac ctgcaggaaa aaggttactc tgactgcgt 420
tgggaaatcg tacgcgttga aatgatgcgg gccctgactg tgcgtactac tctgcaaaaa 480
cggttaacta aaatgggtgg tgacctgaat tctccg 516

<210> 2

<211> 172

<212> PRT

<213> Ovis aries

<400> 2

Cys Tyr Leu Ser Arg Lys Leu Met Leu Asp Ala Arg Glu Asn Leu Lys
1 5 10 15

Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp
20 25 30

Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu
35 40 45

Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser
50 55 60

Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr
65 70 75 80

Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu
85 90 95

Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly
100 105 110

Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr
115 120 125

Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val
130 135 140

Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys
145 150 155 160

Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro
165 170

<210> 3

<211> 172

<212> PRT

<213> Artificial

<220>

<223> recombinant IFNtau based on Ovis aries sequence

<400> 3

Cys Tyr Leu Ser Glu Arg Leu Met Leu Asp Ala Arg Glu Asn Leu Lys
1 5 10 15

Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp
20 25 30

Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu
35 40 45

Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser
50 55 60

Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr
65 70 75 80

Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu
85 90 95

Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly
100 105 110

Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr
115 120 125

Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val
130 135 140

Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys
145 150 155 160

Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro
165 170

<210> 4
<211> 516
<212> DNA
<213> Artificial

<220>
<223> recombinant IFNtau based on Ovis aries sequence

<400> 4
tgctacctgt cggagcgact gatgctggac gctcgagaaa atttaaaact gctggaccgt 60
atgaatcgat tgtctccgca cagctgcctg caagaccgga aagacttcgg tctgcccgcag 120
gaaatggttg aagggtgacca actgcaaaaa gaccaagctt tcccggtact gtatgaaatg 180
ctgcagcagt ctttcaacct gttctacact gaacattttt cggccgcttgg gacactact 240
cttctagaac aactgtgcac tggctctgcaa cagcaactgg accatctggaa cacttgcgtt 300
ggccaagttt aaaaatattt tccagggtat ctacgactac ctgcaggaaa aaggttactc tgactgcgtt 360
tgggaaatcg tacgcgttga aatgatgcgg gcccctgactg tgcgtactac tctgcaaaaa 420
cggttaacta aaatgggtgg tgacctgaat tctccg 480
516